

09/977409

Abstract

5 The invention relates to a piston compressor, particularly
a hermetically enclosed refrigerant compressor, with a
crank drive, having a crank shaft with an eccentric crank
pin and an oil channel arrangement, and a connecting rod
with a first piston-side connecting rod eye and a second
pin-side connecting rod eye, said eyes having between them
10 a connecting rod shank with a longitudinal channel, which
opens into the connecting rod eyes.

In this compressor, it is endeavoured to improve the
lubricating conditions.

15 For this purpose a bearing element is arranged between the
crank pin and the second connecting rod eye, which is
unrotatably connected with the second connecting rod eye
under formation of an oil channel, the longitudinal
20 channel communicating with the oil channel and a control
arrangement being provided, which ensures a communication
between the oil channel and the oil channel arrangement at
least once per rotation of the crank pin.

25

09/977409